

AMENDED CLAIMS

[Received by the International Bureau on 13 January 2005 (13.01.05):
original claims 1-14 replaced by amended claims 1-26]

1. A system for creation of videoprograms comprising a videocamera to shoot a participant of the videoprogram, generating means to generate a videoimage of the videoprogram including an image of the participant shot by the videocamera, measuring
5 means to measure data of reflex psychophysiological reactions of the participant in response to verbal influences during the shooting of the participant, mixing means to add parameters of the measured data of the reflex psychophysiological reactions to the videoimage of the videoprogram, wherein in addition the system comprises a microphone to record a sound of a voice of the participant during the shooting of the participant,
10 combining means to combine the recorded sound of the voice of the participant with the image of the participant, and the mixing means includes a modifying unit to change amplitude-frequency characteristics of the recorded sound of the voice of the participant in response to a change of the parameters of the measured data which corresponds to dishonesty of the participant after the verbal influence such as a testing question.
- 15 2. The system of claim 1, wherein the mixing means includes an additional modifying unit to modify videoimage of the videoprogram in response to the change of the parameters of the measured data.
3. The system of claim 2, wherein the additional modifying unit is capable to modify the image of the participant and/or another object of the videoimage of the
20 videoprogram in manner to change its form and/or color and/or luminance and/or contrast and/or frequency of occurrence.
4. The system of claim 2, wherein the additional modifying unit is capable to form a separate animated image which reflects a level of the change of the parameters of the measured data.
- 25 5. The system of claim 2, wherein it is a transforming means to transform the sound of the voice of the participant into an appropriate text and to add the appropriate text as its image to the videoimage of the videoprogram.
6. The system of claim 5, wherein the additional modifying unit is capable to modify the image of the appropriate text in manner to change its form and/or color and/or
30 luminance and/or contrast and/or frequency of occurrence.
7. The system of claim 1, wherein the measuring means is carried out as a voice stresses-detector reacting to the sound of the voice of the participant recorded by the microphone.

8. The system of claim 1, wherein the measuring means is carried out as a strain-measuring platform.

9. The system of claim 1, wherein the measuring means is carried out as a polygraph.

5 10. The system of claim 1, wherein the measuring means includes a sensor unit to measure physiological parameters of an organism of the participant which give in to measuring and reflect the reflex psychophysiological reaction of the participant after the testing question.

10 11. The system of claim 10, wherein the sensor unit comprises a gauge or gauges chosen of a following group: a gauge of a pulse wave, a gauge of a pulse rate, a gauge of frequency of respiration, a gauge of bioelectric signals of a brain, and a gauge of electric conduction of a skin.

15 12. A method for creation of videoprograms comprising the steps of: videoshooting a participant of the videoprogram; measuring data of reflex psychophysiological reactions of the participant in response to verbal influences during the videoshooting of the participant; generating a videoimage of the videoprogram including a shot image of the participant; adding parameters of the measured data of the reflex psychophysiological reactions to the videoimage of the videoprogram, wherein in addition there are the steps of: recording a sound of a voice of the participant during the videoshooting of the participant; 20 combining the recorded sound of the voice of the participant with the image of the participant; and modifying a soundtrack of the videoprogram which is carried out by means of changing amplitude-frequency characteristics of the recorded sound of the voice of the participant in response to a change of the parameters of the measured data which corresponds to dishonesty of the participant after the verbal influence such as a testing 25 question.

13. The method of claim 10, wherein it is an additional step of modifying the videoimage of the videoprogram in response to the change of the parameters of the measured data.

30 14. The method of claim 13, wherein the modifying the videoimage is carried out as modifying the image of the participant and/or another object of the videoimage of the videoprogram by means of changing their form and/or color and/or luminance and/or contrast and/or frequency of occurrence.

15. The method of claim 13, wherein it is another additional step of transforming the sound of the voice into an appropriate text and further adding the appropriate text as its image to the videoimage of the videoprogram.

5 16. The method of claim 15, wherein the modifying the videoimage is carried out as modifying the image of the appropriate text by means of changing their form and/or color and/or luminance and/or contrast and/or frequency of occurrence.

17. The method of claim 13, wherein the modifying the videoimage is carried out as forming a separate animated image which reflects a level of the change of the parameters of the measured data.

10 18. The method of claim 12, wherein the measuring is carried out as measuring physiological parameters of an organism of the participant which give in to measuring and reflect the reflex psychophysiological reaction of the participant after the testing question.

15 19. A system for creation of videoprograms comprising a videocamera to shoot a participant of the videoprogram, generating means to generate a videoimage of the videoprogram including an image of the participant shot by the videocamera, measuring means to measure data of reflex psychophysiological reactions of the participant in response to verbal influences during the shooting of the participant, mixing means to add parameters of the measured data of the reflex psychophysiological reactions to the videoimage of the videoprogram, wherein in addition the system comprises a microphone
20 to record a sound of a voice of the participant during the shooting of the participant, combining means to combine the recorded sound of the voice of the participant with the image of the participant and/or to transform the sound of the voice into an appropriate text and to add the appropriate text as its image to the videoimage of the videoprogram, and the mixing means includes a modifying unit to modify the videoimage of the videoprogram
25 and/or its soundtrack in response to a change of the parameters of the measured data after the verbal influence such as a testing question, and said means are incorporated in one design of the videocamera.

20. The system of claim 19, wherein the modifying unit is capable to modify the image of the participant and/or the image of the appropriate text and/or other objects of the
30 videoimage of the videoprogram in manner to change their form and/or color and/or luminance and/or contrast and/or frequency of occurrence.

21. The system of claim 19, wherein the modifying unit is capable to form a separate animated image which reflects a level of the change of the parameters of the measured data.

22. The system of claim 19, wherein the modifying unit is capable to change amplitude-frequency characteristics of the recorded sound of the voice of the participant.

23. The system of claim 19, wherein the measuring means is carried out as a voice stresses-detector reacting to the sound of the voice of the participant recorded by the
5 microphone.

24. The system of claim 19, wherein the measuring means is carried out as a polygraph.

25. The system of claim 19, wherein the measuring means includes a sensor unit to measure physiological parameters of an organism of the participant which give in to
10 measuring and reflect the reflex psychophysiological reaction of the participant after the testing question.

26. The system of claim 25, wherein the sensor unit comprises a gauge or gauges chosen of a following group: a gauge of a pulse wave, a gauge of a pulse rate, a gauge of frequency of respiration, a gauge of bioelectric signals of a brain, and a gauge of electric
15 conduction of a skin.